Allied Telesis

AT-GS900/16

Unmanaged Gigabit Ethernet Switches

AT-GS900/16
16 port 10/100/1000T unmanaged switch

High Performance

Designed for medium enterprises and educational networks, the Allied Telesis GS900 series of unmanaged Gigabit switches delivers the high-speed and high performance demanded by today's high-bandwidth applications such as video, graphics, and industrial design.

Flexibility

Available in 8, 16 and 24 port models, Allied Telesis lets you decide which size is best for your network. Reduces your cost by allowing you to only pay for the ports you need.

Simplified Installation

The GS900 series switches require minimal configuration and can be installed in minutes for use in network racks or on desktops. The 10/100/1000T copper ports on the GS900 series are fully auto-negotiating, allowing the switches to connect to all other 10Mbps Ethernet, 100Mbps Fast Ethernet, or 1000Mbps Gigabit Ethernet devices. Equipped with MDI/MDI-X ports for easy connection to other hubs and switches, the GS900 series offers a natural migration path from legacy networks and a cost-effective introduction to Gigabit Ethernet. Finally, easy to read front panel LEDs show ongoing switch status and simplify troubleshooting.

Quality and Reliability

Allied Telesis is a worldwide leader in unmanaged Ethernet switches. Shipping more than 250,000 unmanaged switches every year, Allied Telesis offers proven reliability and industry recognized quality.

Applications

Connected to managed Gigabit switches such as the AT-9424M or the AT-9748TS/XP or unmanaged Fast Ethernet switches such as the AT-FS724L or the AT-LE700, the GS900 series remains the ideal fit for Gigabit migration in Local Area Networks (LANs). The GS900 series of unmanaged Gigabit switches can forward both standard sized packets and VLAN-tagged packets throughout LANs. For those applications requiring Gigabit to the desktop, an ideal design combines Allied Telesis GS900 series switches with any of our full line of Gigabit Network Interface Cards (NICs)—whether it's the AT-2930T for copper Gigabit or the AT-2930SX for fiber Gigabit.

Key Features

- Wirespeed performance
- Non-blocking architecture
- Auto-negotiation Gigabit ports
- Auto MDI/MDI-X on TX ports
- Transparent to VLAN packets
- Full-duplex flow control
- Sturdy metal case

AT-GS900/16 | Unmanaged Gigabit Ethernet Switches

Performance

14,880pps for 10Mbps Ethernet
148,800pps for 100Mbps Ethernet
1,488,000pps for 1000Mbps Ethernet

Switching capacity	Up to 23.8Mpps
MAC addresses	Up to 8K
Packet buffer	256KB

Half/full-duplex
Auto-negotiation
MDI/MDI-X

Interface Connections

10/100/1000T	RJ-45

Power Characteristics

Voltage	100-240V AC
Frequency	50/60Hz
Current	1.0A
Power consumption max	28W

Environmental Specifications

Operating temp.	0°C to 40°C (32°F to 104°F)
Non-operating temp.	-25°C to 70°C (-13°F to 158°F)
Operating humidity	5% to 90% non-condensing
Storage humidity	5% to 95% non-condensing

Technical Specifications

Physical Characteristics

Dimensions (W x D x H)	33cm x 23cm x 4.32cm (13.2" x 9.2" x 1.728")
Weight	2.38kg (5.24lbs)

Wall-mount or Desktop

All units come with wall and 19" rack-mount brackets

Standards and Compliance

IEEE 802.3	10T Ethernet
IEEE 802.3u	100TX Fast Ethernet
IEEE 802.3ab	1000T Gigabit Ethernet
IEEE 802.3z	Full-duplex
IEEE 802.3x	Flow control

Electrical/Mechanical Approvals

UL 1950
FCC/EN55022 Class A
VCCI Class A
C-Tick
EN60950 (TUV)
EN55024
CE

Ordering Information

AT-GS900/16
16 port 10/100/1000T unmanaged switch

Where xx =
10 for U.S. power cord
20 for no power cord
30 for U.K. power cord
40 for Australian power cord
50 for European power cord

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